ELSEVIER

Journal of Membrane Science 88 (1994) 296

journal of MEMBRANE SCIENCE

Author index

Aimar, P., 211
Akay, G., 177
Anderson, M.R., 145
Awaka, T., 159

Barbari, T.A., 115

Causserand, C., 211
Chen, V., 93
Chung, T.-S., 21

Daufin, G., 263
Dimov, A., 279
Ding, L., 197

Fane, A.G., 93, 103
Fengcai, L., 37
Fritz, S.J., 231
Fukuda, M., 159

Godjevargova, T., 279
Gooding, C.H., 47
Goswami, A.N., 69

Hickey, P.J., 47
Hwang, S.-T., 131

Jaffrin, M.Y., 197
Junter, G.-A., 253

Kafchinski, E.R., 21
Kanamori, T., 159
Kariya, A., 85
Kim, K.J., 93, 103
Koros, W.J., 1

Le Berre, O., 263
Lebrun, L., 253
Li, R.H., 115
Lin, M.-C., 77

Mariñas, B.J., 231
Matsuda, T., 243
Matsuyama, H., 85
Mercea, P.V., 131
Miyata, T., 243
Murphy, W.D., 145

Narębska, A., 167
Nyström, M., 211

Okuno, H., 243

Pesek, S.C., 1
Philp, J.L., 197

Reiss, H., 145
Rodemann, K., 271

Sakai, K., 159
Sharma, S.K., 69
Singh, R., 285
Staude, E., 271

Takai, N., 77
Teramoto, M., 85
Tomaszewska, M., 223

Uragami, T., 243

Vasileva, N., 279
Vora, R., 21

Wakeman, R.J., 177
Warszawski, A., 167
Whitworth, T.M., 231

Xuesong, G., 37

Zhoushi, T., 37

1994 Elsevier Science B.V.

ELSEVIER

Journal of Membrane Science 88 (1994) 297–298

journal of MEMBRANE SCIENCE

Subject index

Acrylonitrile copolymer membranes, 279
Affinity membrane, 271
Air separation, 21
Amino acid adsorption, 271
Anion exchange membrane, 77
Aqueous ethanol solution, 243
Aqueous quenched polysulfone, 1

Biotechnology, 115

Chemical modification, 243
Chitosan membrane, 243
Chlorine, 285
Chloromethylstyrene–styrene copolymer, 77
Composite membrane, 21, 85
Concentration polarisation, 177
Continuous membrane column, 131
Coupling phenomena, 167
Crossflow filtration, 177
Cytochrome c, 159

Dextran, 253
Diffusion, 69, 115, 145, 211, 253
Diffusion dialysis, 167
Dry/wet phase separation, 1

Emulsion, 69
Epoxidized polysulfone, 271
Evapomeation, 243

Filtration mechanism, 177
Flat-leaf cell, 231
Fouling, 93

Gas permeation, 37
Gas separations, 1, 131, 145
Glutaraldehyde, 243

Hollow fiber, 21
Hollow-fiber dialysis membrane, 159
Hollow fiber membrane, 1
Hydrocarbon separation, 69
Hydrogels, 115
Hydrogen bond, 243
Hydrophobic–hydrophilic membrane, 223

Immobilization of glucose oxidase, 279
Immobilized copper ions, 271
Isothermal phenomena, 223
Isotopic fractionation, 231

Liquid membranes, 69
Lithium chloride, 231
Low voltage scanning electron microscopy, 103

Membrane characterization, 93
Membrane fabrication, 21
Membrane potentials, 77, 223
Membrane preparation and structure, 77, 85, 145
Metal colloids, 93
Microfiltration, 263
Microporous membranes, 253
Modified membrane, 279
Modules, 47

Octamethyltrisiloxane, 85
Optical fiber, 159

Particle, 263
Permeability, 37
Permeate flux, 177
Permeate pressure, 47
Permeation, 69
Permselectivity, 77
Pervaporation, 47
Pervaporation of ethanol–water, 85
Plasma cross-flow filtration, 197
Plasma polymerization, 85
Polyamide, 285
Polyimide, 21
Polymer membrane, 103
Polypyrrolone, 37
Pressure swing adsorption, 131
Protein adsorption, 197
Proteins, 115, 211, 263

Reverse osmosis, 231, 285

1994 Elsevier Science B.V.

Selectivity, 37, 211
Separation, 263
Size exclusion, 263
Solute permeability, 159
Solute rejection, 177
Streaming potential, 211, 271
Surfactant dispersions, 177
Surfactants, 177

Theory, 145
Thermodynamics, 145
Thin-film composite membrane, 231
Transport coefficients, 167

Ultrafiltration, 93, 103, 211

Vitamin B_{12}, 159
Volatile organic compounds, 47

Water treatment, 285